

STATE OF NORTH CAROLINA  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
DIVISION OF ENERGY, MINERAL, AND LAND RESOURCES  
**GENERAL PERMIT NO. NCG150000**

TO DISCHARGE STORMWATER UNDER THE  
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

For establishments primarily engaged in:

**Furnishing Transportation by Air, or Operating Airports**

In compliance with the provision of North Carolina General Statute 143-215.1, other lawful standards and regulations promulgated and adopted by the North Carolina Environmental Management Commission and the Federal Water Pollution Control Act, as amended, this permit is hereby issued to all owners or operators, hereafter permittees, which are covered by this permit as evidenced by receipt of a Certificate of Coverage by the Environmental Management Commission to allow the **discharge of stormwater to the surface waters of North Carolina** or separate storm sewer systems conveying stormwater to surface waters in accordance with the terms and conditions set forth herein.

**Coverage under this General Permit is applicable to:**

- ◆ All owners or operators of stormwater point source discharges associated with industrial activity from Air Transportation facilities identified by the SIC Codes in Major Group 45; including air transportation, scheduled, and air courier (SIC 4512 and 4513); air transportation, non-scheduled (SIC 4522); airports, flying fields, except those maintained by aviation clubs, and airport terminal services including: air traffic control, except government; aircraft storage at airports; aircraft upholstery repair; airfreight handling at airports; airport hangar rental; airport leasing, if operating airport; airport terminal services; and hangar operations; and airport and aircraft service and maintenance including: aircraft cleaning and janitorial service; aircraft servicing/repairing, except on a factory basis; vehicle maintenance shops (including vehicle and equipment rehabilitation, cleaning, mechanical repairs, painting, fueling, lubrication); and material handling facilities.
- ◆ Stormwater point source discharges from like industrial activities deemed by The Division of Energy, Mineral, and Land Resources (DEMLR) to be similar to these operations in the process, or the discharges, or the exposure of raw materials, intermediate products, by-products, final products, or waste products.

***Note Draft Permit Dates are approximate***

The General Permit shall become effective on September 1, 2017.

The General Permit shall expire at midnight on August 31, 2017.

Signed this 31<sup>st</sup> day of August , 2017 .

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Tracy E. Davis, P.E., CPM, Director  
Division of Energy, Mineral, and Land Resources  
By the Authority of the Environmental Management Commission

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## PART I INTRODUCTION

### SECTION A: GENERAL PERMIT COVERAGE

All persons desiring to be covered by this General Permit must register with the Division of Energy, Mineral, and Land Resources by the filing of a Notice of Intent (NOI) and applicable fees. The NOI shall be submitted and a certificate of coverage issued prior to any discharge of stormwater associated with industrial activity that has a point source discharge to the surface waters of the state.

Any owner or operator not wishing to be covered or limited by this General Permit may make application for an individual NPDES permit in accordance with NPDES procedures in 15A NCAC 2H .0100, stating the reasons supporting the request. Any application for an individual permit should be made at least 180 days prior to commencement of discharge.

This General Permit does not cover activities or discharges covered by an individual NPDES permit until the individual permit has expired or has been revoked. Any person conducting an activity covered by an individual permit but which could be covered by this General Permit may request that the individual permit be revoked and coverage under this General Permit be provided.

Any facility may apply for new or continued coverage under this permit until a Total Maximum Daily Load (TMDL) for pollutants for stormwater discharges is established. A TMDL sets a pollutant-loading limit that affects a watershed, or portion of a watershed, draining to an impaired water. **For stormwater discharges to watersheds affected by a TMDL, coverage under this permit may depend on the facility demonstrating it does not have reasonable potential to violate applicable water quality standards for those pollutants as a result of discharges.** If the Division determines that discharges have reasonable potential to cause water quality standard violations, the facility shall apply for an individual permit 180 days prior to the expiration date of this General Permit. Once that individual permit is effective the facility will no longer have coverage under this General Permit. Note that the permittee must identify impaired waters (scheduled for TMDL development) and waters already subject to a TMDL in the Site Overview, as outlined in the Stormwater Pollution Prevention Plan (SPPP), Part II, Section A.1. A list of approved TMDLs for the state of North Carolina can be found at:

<http://deq.nc.gov/about/divisions/water-resources/planning/modeling-assessment/tmdls>

## SECTION B: PERMITTED ACTIVITIES

Until this permit expires or is modified or revoked, the permittee is authorized to discharge stormwater to the surface waters of North Carolina or separate storm sewer system which has been treated and managed in accordance with the terms and conditions of this General Permit and the requirements of the permittee's Certificate of Coverage (COC). All discharges shall be in accordance with the conditions of this permit.

The types of authorized discharges are dependent upon DEMLR approval and are detailed in the permittee's individual Certificate of Coverage (COC). The permittee's COC is hereby incorporated by reference into this General Permit. Any violation of the COC is a violation of this General Permit and subject to enforcement action as provided in the General Permit.

Any other point source discharge to surface waters of the state is prohibited unless it is an allowable non-stormwater discharge or is covered by another permit, authorization, or approval. **The stormwater discharges allowed by this General Permit shall not cause or contribute to violations of Water Quality Standards.** Discharges allowed by this permit must meet applicable wetland standards as outlined in 15A NCAC 2B .0230 and .0231 and water quality certification requirements as outlined in 15A NCAC 2H .0500.

This General Permit does not authorize discharges determined by the Division to be wastewaters. Wash water and rinse water must be directed to a sanitary sewer system or permitted by a separate wastewater permit issued by the Department.

This permit does not relieve the permittee from responsibility for compliance with any other applicable federal, state, or local law, rule, standard, ordinance, order, judgment, or decree.

## PART II      STORMWATER POLLUTION PREVENTION PLAN

The permittee shall **develop and implement** a Stormwater Pollution Prevention Plan (SPPP). This plan shall be considered public information in accordance with Part V, Standard Conditions, Section E of this General Permit. The SPPP shall include, at a minimum, the following items:

- A. **Site Overview.** The Site Overview shall provide a description of the physical facility and the potential pollutant sources that may be expected to contribute to contamination of stormwater discharges. The Site Overview shall contain the following:
1. A general **location map** (USGS quadrangle map or equivalent map), showing the facility's location in relation to transportation routes and surface waters; the name of the receiving waters to which the stormwater outfalls discharge, or if the discharge is to a municipal separate storm sewer system, the name of the municipality and the ultimate receiving waters; and accurate latitude and longitude of the points of stormwater discharge associated with industrial activity. The general location map (or alternatively the site map) shall identify whether any receiving waters are **impaired** (on the state's 303(d) list of impaired waters) or if the site is located in a **watershed for which a TMDL has been established**, and what the parameters of concern are.
  2. A **narrative description** of storage practices, loading and unloading activities, outdoor process areas, dust or particulate generating or control processes, and waste disposal practices. A **narrative description** of the potential pollutants that could be expected to be present in the stormwater discharge from each outfall.
  3. A **site map** drawn at a scale sufficient to clearly depict: the site property boundary; the stormwater and/or wastewater discharge outfalls; all on-site and adjacent surface waters and wetlands; industrial activity areas (including storage of materials, disposal areas, process areas, loading and unloading areas, and haul roads); site topography and finished grade; all drainage features and structures; drainage area boundaries and total contributing area for each outfall; direction of flow in each drainage area; industrial activities occurring in each drainage area; buildings; stormwater Best Management Practices (BMPs); and impervious surfaces. The site map must indicate the percentage of each drainage area that is impervious, and the site map must include a graphic scale indication and north arrow.
  4. A **list of significant spills or leaks** of pollutants during the previous three (3) years and any corrective actions taken to mitigate spill impacts.
  5. Certification that the stormwater outfalls have been evaluated for the presence of non-stormwater discharges. **The permittee shall re-certify annually that the stormwater outfalls have been evaluated for the presence of non-stormwater discharges.** The certification statement will be signed in accordance with the requirements found in Part V, Standard Conditions, Section B, Paragraph 3.
- B. **Stormwater Management Strategy.** The Stormwater Management Strategy shall contain a narrative description of the materials management practices employed which control or minimize the stormwater exposure of significant materials, including structural and nonstructural measures. The Stormwater Management Strategy, at a minimum, shall incorporate the following:
1. **Feasibility Study.** A review of the technical and economic feasibility of changing the methods of operations and/or storage practices to eliminate or reduce exposure of

materials and processes to rainfall and run-on flows. Wherever practical, the permittee shall prevent exposure of all storage areas, material handling operations, and manufacturing or fueling operations. In areas where elimination of exposure is not practical, this review shall document the feasibility of diverting the stormwater run-on away from areas of potential contamination.

2. **Secondary Containment Requirements and Records.** Secondary containment is required for: bulk storage of liquid materials; storage in any amount of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) water priority chemicals; and storage in any amount of hazardous substances, in order to prevent leaks and spills from contaminating stormwater runoff. A table or summary of all such tanks and stored materials and their associated secondary containment areas shall be maintained. If the secondary containment devices are connected to stormwater conveyance systems, the connection shall be controlled by manually activated valves or other similar devices (which shall be secured closed with a locking mechanism). Any stormwater that accumulates in the containment area shall be at a minimum visually observed for color, foam, outfall staining, visible sheens and dry weather flow, prior to release of the accumulated stormwater. Accumulated stormwater shall be released if found to be uncontaminated by any material. Records documenting the individual making the observation, the description of the accumulated stormwater, and the date and time of the release shall be kept for a period of five (5) years. For facilities subject to a federal oil Spill Prevention, Control, and Countermeasure Plan (SPCC), any portion of the SPCC Plan fully compliant with the requirements of this permit may be used to demonstrate compliance with this permit. The Division may allow exceptions to secondary containment requirements for mobile refuelers, as with the exemption provided by amendments to federal SPCC regulations, as long as appropriate spill containment and/or diversionary structures or equipment is used to prevent discharge to surface waters. Exceptions do not apply to refuelers or other mobile tankage used primarily as bulk liquid material storage in a fixed location in place of stationary containers.
  3. **BMP Summary.** A listing of site structural and non-structural BMPs shall be provided. The installation and implementation of BMPs shall be based on the assessment of the potential for sources to contribute significant quantities of pollutants to stormwater discharges and on data collected through monitoring of stormwater discharges. The BMP Summary shall include a written record of the specific rationale for installation and implementation of the selected site BMPs. The BMP Summary shall be reviewed and updated annually.
- C. **Spill Prevention and Response Procedures.** The Spill Prevention and Response Procedures (SPRP) shall incorporate an assessment of potential pollutant sources based on a materials inventory of the facility. Facility personnel responsible for implementing the SPRP shall be identified in a written list incorporated into the SPRP and signed and dated by each individual acknowledging their responsibilities for the plan. A responsible person shall be on-site at all times during facility operations that have increased potential to contaminate stormwater runoff through spills or exposure of materials associated with the facility operations. The SPRP must be site stormwater specific. Therefore, an oil Spill Prevention Control and Countermeasure plan (SPCC) may be a component of the SPRP, but may not be sufficient to completely address the stormwater aspects of the SPRP. The common elements of the SPCC with the SPRP may be incorporated by reference into the SPRP.
- D. **Preventative Maintenance and Good Housekeeping Program.** A preventative maintenance and good housekeeping program shall be developed and implemented. The program shall address all stormwater control systems (if applicable), stormwater discharge outfalls, all on-



site and adjacent surface waters and wetlands, industrial activity areas (including material storage areas, material handling areas, disposal areas, process areas, loading and unloading areas, and haul roads), all drainage features and structures, and existing structural BMPs. The program shall establish schedules of inspections, maintenance, and housekeeping activities of stormwater control systems, as well as facility equipment, facility areas, and facility systems that present a potential for stormwater exposure or stormwater pollution where not already addressed under another element of the SPPP. Inspection of material handling areas and regular cleaning schedules of these areas shall be incorporated into the program. Timely compliance with the established schedules for inspections, maintenance, and housekeeping shall be recorded and maintained in the SPPP.

- E. **Facility Inspections.** Inspections of the facility and all stormwater *systems* shall occur as part of the Preventative Maintenance and Good Housekeeping Program at a minimum on a semi-annual schedule, once during the first half of the year (January to June), and once during the second half (July to December), with at least 60 days separating inspection dates (unless performed more frequently than semi-annually). These facility inspections are different from, and in addition to, the stormwater discharge characteristic monitoring *at the outfalls* required in Part III of this permit.
- F. **Employee Training.** Training programs shall be developed and training provided at a minimum on an annual basis for facility personnel with responsibilities for: spill response and cleanup, preventative maintenance activities, and for any of the facility's operations that have the potential to contaminate stormwater runoff. The facility personnel responsible for implementing the training shall be identified, and their annual training shall be documented by the signature of each employee trained.
- G. **Responsible Party.** The SPPP shall identify a specific position or positions responsible for the overall coordination, development, implementation, and revision of the SPPP. Responsibilities for all components of the SPPP shall be documented and position assignments provided.
- H. **SPPP Amendment and Annual Update.** The permittee shall amend the SPPP whenever there is a change in design, construction, operation, site drainage, maintenance, or configuration of the physical features which may have a significant effect on the potential for the discharge of pollutants to surface waters. **All aspects of the SPPP shall be reviewed and updated on an annual basis.** The annual update shall include:
  1. an *updated list of significant spills or leaks* of pollutants for the previous three (3) years, or the notation that no spills have occurred (element of the **Site Overview**);
  2. a written *re-certification that the stormwater outfalls have been evaluated for the presence of non-stormwater discharges* (element of the **Site Overview**);
  3. a documented re-evaluation of the effectiveness of the on-site stormwater BMPs (*BMP Summary* element of the **Stormwater Management Strategy**).
- I. **Deicing/Anti-icing.** The permittee shall maintain annual usage rate of deicing/anti-icing chemicals and shall be available to the state upon request. The Division may require facilities that conduct aircraft and/or runway (including taxiways and ramps) deicing/anti-icing operations to apply for an individual permit.
- J. **Modifying the SPPP.** The Director may notify the permittee when the SPPP does not meet one or more of the minimum requirements of the permit. Within 30 days of such notice, the permittee shall submit a time schedule to the Director for modifying the SPPP to meet minimum requirements. The permittee shall provide certification in writing (in accordance

with Part V, Standard Conditions, Section B, Paragraph 3) to the Director that the changes have been made.

- K. **SPPP Implementation.** The permittee shall implement the Stormwater Pollution Prevention Plan and all appropriate BMPs consistent with the provisions of this permit, in order to control contaminants entering surface waters via stormwater. Implementation of the SPPP shall include documentation of all monitoring, measurements, inspections, maintenance activities, and training provided to employees, including the log of the sampling data and of actions taken to implement BMPs associated with the industrial activities, including vehicle maintenance activities. Such documentation shall be kept on-site for a period of five (5) years and made available to the Director or the Director's authorized representative immediately upon request.

### PART III QUALITATIVE MONITORING REQUIREMENTS

The purpose of qualitative monitoring is to implement a quick and inexpensive way to evaluate the effectiveness of the permittee's SPPP and to identify the potential for new sources of stormwater pollution. Qualitative monitoring of stormwater outfalls must be performed during a **measurable storm event** (see definitions).

Qualitative monitoring requires a visual inspection of each stormwater outfall *regardless of* representative outfall status. Qualitative monitoring shall be performed as specified in **Table 1**. Monitoring results shall be recorded on the Qualitative Monitoring Report forms available from the Division's website. Completed forms shall be maintained on site with the SPPP.

**Table 1      Qualitative Monitoring Requirements**

Discharge Characteristics	Frequency <sup>1</sup>	Monitoring Location <sup>2</sup>
Color	Semi-Annual	SDO
Odor	Semi-Annual	SDO
Clarity	Semi-Annual	SDO
Floating Solids	Semi-Annual	SDO
Suspended Solids	Semi-Annual	SDO
Foam	Semi-Annual	SDO
Oil Sheen	Semi-Annual	SDO
Erosion or deposition at the outfall	Semi-Annual	SDO
Other obvious indicators of stormwater pollution	Semi-Annual	SDO

Footnotes:

- 1 Monitoring Frequency: Twice per year (unless other provisions of this permit prompt other frequency) during a **measurable storm event**. See **Table 2** for schedule of monitoring periods. The permittee must continue qualitative monitoring throughout the permit renewal process.
- 2 Monitoring Location: Qualitative monitoring shall be performed at each stormwater discharge outfall (SDO) associated with industrial activity, regardless of representative outfall status (ROS). Monitoring must begin within the first 30 minutes of discharge, and continue until all outfalls are observed.

Qualitative monitoring shall be performed on the schedule included in **Table 2**, during daylight hours. Inability to monitor because of adverse weather conditions or lack of discharge during the monitoring period must be documented in the SPPP and recorded on the Qualitative Monitoring Report (see *Adverse Weather* in Definitions). Only SDOs discharging *stormwater associated with industrial activity* must be monitored (See Definitions).

**A minimum of 60 days** must separate monitoring dates.

If the permittee's qualitative monitoring indicates that existing stormwater BMPs are ineffective, or that significant stormwater contamination is present, the permittee shall investigate potential causes, evaluate the feasibility of corrective actions, and implement those corrective actions within 60 days of the monitoring event. A **written record** of the permittee's investigation, evaluation, and response actions shall be kept in the SPPP.

**Qualitative Monitoring Response**

Qualitative monitoring is for the purposes of evaluating SPPP effectiveness, identifying the potential for new sources of stormwater pollution, and prompting the permittee's response to pollution. If the permittee repeatedly fails to respond effectively to correct problems identified by qualitative monitoring, or if the discharge causes or contributes to a water quality standard violation, **DEMLR may but is not limited to:**

- require that the permittee institute analytical sampling for suspect chemical and physical parameters
- increase the frequency of qualitative monitoring;
- require the permittee to install structural stormwater controls;
- require the permittee to implement other stormwater control measures; or
- require the permittee to perform upstream and downstream monitoring to characterize impacts on receiving waters;

## **PART IV DEICING OPERATIONS**

### **Facilities which conduct aircraft and/or runway (including taxiways and ramps) deicing/anti-icing operations shall:**

- A. Evaluate present operating procedures to consider alternative practices that would reduce the overall amount of deicing/ anti-icing chemical used and/or lessen the environmental impact of the pollutant source.
- B. Evaluate whether excessive application of deicing chemicals occurs and adjust as necessary, consistent with considerations of flight safety.
- C. Produce and implement a plan for the minimization of the release of materials used for deicing into the stormwater system. This plan shall address, as a minimum:
  - a. The current use and practices employed at the airport for the control and minimization of entry of the deicing materials into the stormwater system;
  - b. The means that may be practicable for modifying current use and practices to collect the runoff that occurs during and following the application of the deicing materials; and
  - c. Feasible alternatives to the use of urea and glycol-based deicing chemicals to reduce the aggregate amount of deicing chemicals used and/or lessen the environmental impact, consistent with considerations of flight safety.
- D. Airport authorities must determine annually the usage rate of deicing/anti-icing chemicals at their facility. The total amount of deicing/anti-icing chemicals used at an airport facility is the cumulative amount used by the airport authority and each commercial tenant of the airport facility. In determining the fluid amounts of deicing/anti-icing chemicals used at a facility, operators should use the pre-dilution volume.
- E. The permittee shall maintain annual usage rate of deicing/anti-icing chemicals and shall be available to the state upon request. The Division may require facilities that conduct aircraft and/or runway (including taxiways and ramps) deicing/anti-icing operations to apply for an individual permit.

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## PART V STANDARD CONDITIONS FOR NPDES STORMWATER GENERAL PERMITS

### SECTION A: COMPLIANCE AND LIABILITY

#### 1. Compliance Schedule

The permittee shall comply with Limitations and Controls specified for stormwater discharges in accordance with the following schedule:

**Existing Facilities already operating but applying for permit coverage for the first time:** The Stormwater Pollution Prevention Plan shall be developed and implemented within 12 months of the effective date of the **Certificate of Coverage** and updated thereafter on an annual basis. Secondary containment, as specified in Part II, Section A, Paragraph 2(k) of this general permit, shall be accomplished within 12 months of the effective date of the issuance of the **Certificate of Coverage**.

**New Facilities applying for coverage for the first time:** The Stormwater Pollution Prevention Plan shall be developed and implemented prior to the beginning of discharges from the operation of the industrial activity and be updated thereafter on an annual basis. Secondary containment, as specified in Part II, Section A, Paragraph 2(k) of this general permit shall be accomplished prior to the beginning of discharges from the operation of the industrial activity.

**Existing facilities previously permitted and applying for renewal under this General Permit:** All requirements, conditions, limitations, and controls contained in this permit (except new SPPP elements in this permit renewal) shall become effective immediately upon issuance of the **Certificate of Coverage**. New elements of the Stormwater Pollution Prevention Plan for this permit renewal shall be developed and implemented within 6 months of the effective date of this general permit and updated thereafter on an annual basis. Secondary containment, as specified in Part II, Paragraph 2(k) of this general permit shall be accomplished prior to the beginning of discharges from the operation of the industrial activity.

#### 2. Duty to Comply

The permittee must comply with all conditions of this general permit. Any permit noncompliance constitutes a violation of the Clean Water Act (CWA) and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or denial of a permit upon renewal application [40 CFR 122.41].

- a. The permittee shall comply with standards or prohibitions established under section 307(a) of the CWA for toxic pollutants within the time provided in the regulations that establish these standards or prohibitions, even if the general permit has not yet been modified to incorporate the requirement [40 CFR 122.41].
- b. The CWA provides that any person who violates section[s] 301, 302, 306, 307, 308, 318 or 405 of the Act, or any permit condition or limitation implementing any such sections in a permit issued under section 402, or any requirement imposed in a pretreatment program approved under sections 402(a)(3) or 402(b)(8) of the Act, is subject to a civil penalty not to exceed \$37,500 per day for each violation [33 USC 1319(d) and 40 CFR 122.41(a)(2)].
- c. The CWA provides that any person who negligently violates sections 301, 302, 306, 307, 308, 318, or 405 of the Act, or any condition or limitation implementing any of such sections in a permit issued under section 402 of the Act, or any requirement imposed in a pretreatment program approved under section 402(a)(3) or 402(b)(8) of the Act, is subject to criminal penalties of \$2,500 to \$25,000 per day of violation, or imprisonment of not more than 1 year, or both. In the case of a second or subsequent conviction for a negligent violation, a person shall be

subject to criminal penalties of not more than \$50,000 per day of violation, or by imprisonment of not more than 2 years, or both [33 USC 1319(c)(1) and 40 CFR 122.41(a)(2)].

- d. Any person who knowingly violates such sections, or such conditions or limitations is subject to criminal penalties of \$5,000 to \$50,000 per day of violation, or imprisonment for not more than 3 years, or both. In the case of a second or subsequent conviction for a knowing violation, a person shall be subject to criminal penalties of not more than \$100,000 per day of violation, or imprisonment of not more than 6 years, or both [33 USC 1319(c)(2) and 40 CFR 122.41(a)(2)].
- e. Any person who *knowingly* violates section 301, 302, 303, 306, 307, 308, 318 or 405 of the Act, or any permit condition or limitation implementing any of such sections in a permit issued under section 402 of the Act, and who knows at that time that he thereby places another person in imminent danger of death or serious bodily injury, shall, upon conviction, be subject to a fine of not more than \$250,000 or imprisonment of not more than 15 years, or both. In the case of a second or subsequent conviction for a knowing endangerment violation, a person shall be subject to a fine of not more than \$500,000 or by imprisonment of not more than 30 years, or both. An organization, as defined in section 309(c)(3)(B)(iii) of the CWA, shall, upon conviction of violating the imminent danger provision, be subject to a fine of not more than \$1,000,000 and can be fined up to \$2,000,000 for second or subsequent convictions [40 CFR 122.41(a)(2)].
- f. Under state law, a civil penalty of not more than \$25,000 per violation may be assessed against any person who violates or fails to act in accordance with the terms, conditions, or requirements of a permit [North Carolina General Statutes § 143-215.6A].
- g. Any person may be assessed an administrative penalty by the Administrator for violating section 301, 302, 306, 307, 308, 318 or 405 of this Act, or any permit condition or limitation implementing any of such sections in a permit issued under section 402 of this Act. Administrative penalties for Class I violations are not to exceed \$16,000 per violation, with the maximum amount of any Class I penalty assessed not to exceed \$37,500. Penalties for Class II violations are not to exceed \$16,000 per day for each day during which the violation continues, with the maximum amount of any Class II penalty not to exceed \$177,500 [33 USC 1319(g)(2) and 40 CFR 122.41(a)(3)].

3. Duty to Mitigate

The permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this general permit which has a reasonable likelihood of adversely affecting human health or the environment [40 CFR 122.41(d)].

4. Civil and Criminal Liability

Except as provided in Part III, Section C of this general permit regarding bypassing of stormwater control facilities, nothing in this permit shall be construed to relieve the permittee from any responsibilities, liabilities, or penalties for noncompliance pursuant to NCGS 143-215.3, 143-215.6, or Section 309 of the Federal Act, 33 USC 1319. Furthermore, the permittee is responsible for consequential damages, such as fish kills, even though the responsibility for effective compliance may be temporarily suspended.

5. Oil and Hazardous Substance Liability

Nothing in this general permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties to which the permittee is or may be subject to under NCGS 143-215.75 et seq. or Section 311 of the Federal Act, 33 USC 1321.

6. Property Rights

The issuance of this general permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any



invasion of personal rights, nor any infringement of Federal, State or local laws or regulations [40 CFR 122.41(g)].

7. Severability

The provisions of this general permit are severable, and if any provision of this general permit, or the application of any provision of this general permit to any circumstances, is held invalid, the application of such provision to other circumstances, and the remainder of this general permit, shall not be affected thereby [NCGS 150B-23].

8. Duty to Provide Information

The permittee shall furnish to the Permit Issuing Authority, within a reasonable time, any information which the Permit Issuing Authority may request to determine whether cause exists for modifying, revoking and reissuing, or terminating the general permit issued pursuant to this general permit or to determine compliance with this general permit. The permittee shall also furnish to the Permit Issuing Authority upon request, copies of records required to be kept by this general permit [40 CFR 122.41(h)].

9. Penalties for Tampering

The Clean Water Act provides that any person who falsifies, tampers with, or knowingly renders inaccurate, any monitoring device or method required to be maintained under this general permit shall, upon conviction, be punished by a fine of not more than \$10,000 per violation, or by imprisonment for not more than two years per violation, or by both. If a conviction of a person is for a violation committed after a first conviction of such person under this paragraph, punishment is a fine of not more than \$20,000 per day of violation, or by imprisonment of not more than 4 years, or both [40 CFR 122.41].

10. Penalties for Falsification of Reports

The Clean Water Act provides that any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this general permit, including monitoring reports or reports of compliance or noncompliance shall, upon conviction, be punished by a fine of not more than \$10,000 per violation, or by imprisonment for not more than two years per violation, or by both [40 CFR 122.41].

11. Onshore or Offshore Construction

This general permit does not authorize or approve the construction of any onshore or offshore physical structures or facilities or the undertaking of any work in any navigable waters.

12. Duty to Reapply

Dischargers covered by this general permit need not submit a new [Notice of Intent \(NOI\)](#) or renewal request unless so directed by the Division. If the Division chooses not to renew this general permit, the permittee will be notified to submit an application for an individual permit [15A NCAC 02H .0127(e)].

## SECTION B: GENERAL CONDITIONS

1. General Permit Expiration

General permits will be effective for a term not to exceed five years, at the end of which the Division may renew them after all public notice requirements have been satisfied. If a general permit is renewed, existing permittees do not need to submit a renewal request or pay a renewal fee unless directed by the Division. New applicants seeking coverage under a renewed general permit must submit a Notice of Intent to be covered and obtain a Certificate of Coverage under the renewed general permit [15A NCAC 02H .0127(e)].

2. Transfers

This general permit is not transferable to any person without prior written notice to and approval from the Director in accordance with 40 CFR 122.61. The Director may condition approval in accordance with NCGS 143-215.1, in particular NCGS 143-215.1(b)(4)b.2., and may require modification or revocation and reissuance of the **Certificate of Coverage**, or a minor modification, to identify the new permittee and incorporate such other requirements as may be necessary under the CWA [40 CFR 122.41(l)(3), 122.61] or state statute. **The Permittee is required to notify the Division in writing in the event the permitted facility is sold or closed.**

3. When an Individual Permit May be Required

The Director may require any owner/operator authorized to discharge under a certificate of coverage issued pursuant to this general permit to apply for and obtain an individual permit or an alternative general permit. Any interested person may petition the Director to take action under this paragraph. Cases where an individual permit may be required include, but are not limited to, the following:

- a. The discharger is a significant contributor of pollutants;
- b. Conditions at the permitted site change, altering the constituents and/or characteristics of the discharge such that the discharge no longer qualifies for a general permit;
- c. The discharge violates the terms or conditions of this general permit;
- d. A change has occurred in the availability of demonstrated technology or practices for the control or abatement of pollutants applicable to the point source;
- e. Effluent limitations are promulgated for the point sources covered by this general permit;
- f. A water quality management plan containing requirements applicable to such point sources is approved after the issuance of this general permit;
- g. The Director determines at his or her own discretion that an individual permit is required.

4. When an Individual Permit May be Requested

Any permittee operating under this general permit may request to be excluded from the coverage of this general permit by applying for an individual permit. When an individual permit is issued to an owner/operator the applicability of this general permit is automatically terminated on the effective date of the individual permit.

5. Signatory Requirements

All applications, reports, or information submitted to the Permitting Issuing Authority shall be signed and certified [40 CFR 122.41(k)].

- a. All Notices of Intent to be covered under this general permit shall be signed as follows:
  - (1) For a corporation: by a responsible corporate officer. For the purpose of this Section, a responsible corporate officer means: (a) a president, secretary, treasurer or vice president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision making functions for the corporation, or (b) the manager of one or more manufacturing, production, or operating facilities, provided, the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.
  - (2) For a partnership or sole proprietorship: by a general partner or the proprietor, respectively; or

- (3) For a municipality, State, Federal, or other public agency: by either a principal executive officer or ranking elected official [40 CFR 122.22].
- b. All reports required by the general permit and other information requested by the Permit Issuing Authority shall be signed by a person described in paragraph a. above or by a duly authorized representative of that person. A person is a duly authorized representative only if:
- (1) The authorization is made in writing by a person described above;
  - (2) The authorization specified either an individual or a position having responsibility for the overall operation of the regulated facility or activity, such as the position of plant manager, operator of a well or well field, superintendent, a position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters for the company. (A duly authorized representative may thus be either a named individual or any individual occupying a named position.); and
  - (3) The written authorization is submitted to the Permit Issuing Authority [40 CFR 122.22].
- c. Changes to authorization: If an authorization under paragraph (b) of this section is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization satisfying the requirements of paragraph (b) of this section must be submitted to the Director prior to or together with any reports, information, or applications to be signed by an authorized representative [40 CFR 122.22].
- d. Certification. Any person signing a document under paragraphs a. or b. of this section, or submitting an electronic report (e.g. eDMR), shall make the following certification [40 CFR 122.22]. NO OTHER STATEMENTS OF CERTIFICATION WILL BE ACCEPTED:

*"I certify, under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations."*

6. General Permit Modification, Revocation and Reissuance, or Termination

The issuance of this general permit does not prohibit the Permit Issuing Authority from reopening and modifying the general permit, revoking and reissuing the general permit, or terminating the general permit as allowed by the laws, rules, and regulations contained in Title 40, Code of Federal Regulations, Parts 122 and 123; Title 15A of the North Carolina Administrative Code, Subchapter 2H .0100; and North Carolina General Statute 143-215.1 et al.

After public notice and opportunity for a hearing, the general permit may be terminated for cause. The filing of a request for a general permit modification, revocation and reissuance, or termination does not stay any general permit condition. The **Certificate of Coverage** shall expire when the general permit is terminated.

7. Certificate of Coverage Actions

Coverage under the general permit may be modified, revoked and reissued, or terminated for cause. The notification of planned changes or anticipated noncompliance does not stay any general permit condition [40 CFR 122.41(f)].

8. Annual Administering and Compliance Monitoring Fee Requirements  
The permittee must pay the administering and compliance monitoring fee within 30 (thirty) days after being billed by the Division. Failure to pay the fee in timely manner in accordance with 15A NCAC 2H .0105(b)(2) may cause this Division to initiate action to revoke coverage under the general permit.

#### **SECTION C: OPERATION AND MAINTENANCE OF POLLUTION CONTROLS**

1. Proper Operation and Maintenance  
The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance also includes adequate laboratory controls and appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems which are installed by a permittee only when the operation is necessary to achieve compliance with the conditions of this permit [40 CFR 122.41(e)].
2. Need to Halt or Reduce Not a Defense  
It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the condition of this general permit [40 CFR 122.41(c)].
3. Bypassing of Stormwater Control Facilities  
Bypass is prohibited and the Director may take enforcement action against a permittee for bypass unless:
  - a. Bypass was unavoidable to prevent loss of life, personal injury or severe property damage; and
  - b. There were no feasible alternatives to the bypass, such as the use of auxiliary control facilities, retention of stormwater, or maintenance during normal periods of equipment downtime or dry weather. This condition is not satisfied if adequate backup controls should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and
  - c. The permittee submitted notices as required under, Part III, Section E of this general permit.

If the Director determines that it will meet the three conditions listed above, the Director may approve an anticipated bypass after considering its adverse effects.

#### **SECTION D: MONITORING AND RECORDS**

1. Representative Sampling  
Samples collected and measurements taken, as required herein, shall be characteristic of the volume and nature of the permitted discharge. Analytical sampling shall be performed during a measureable storm event. Samples shall be taken on a day and time that is characteristic of the discharge. All samples shall be taken before the discharge joins or is diluted by any other waste stream, body of water, or substance. Monitoring points as specified in this general permit shall not be changed without notification to and approval of the Permit Issuing Authority [40 CFR 122.41(j)].
2. Recording Results  
For each measurement or sample taken pursuant to the requirements of this general permit, the permittee shall record the following information [40 CFR 122.41]:
  - a. The date, exact place, and time of sampling or measurements;
  - b. The individual(s) who performed the sampling or measurements;
  - c. The date(s) analyses were performed;

- d. The individual(s) who performed the analyses;
- e. The analytical techniques or methods used; and
- f. The results of such analyses.

3. Flow Measurements

Where required, appropriate flow measurement devices and methods consistent with accepted scientific practices shall be selected and used to ensure the accuracy and reliability of measurements of the volume of monitored discharges.

4. Test Procedures

Test procedures for the analysis of pollutants shall conform to the EMC regulations published pursuant to NCGS 143-215.63 et. seq, the Water and Air Quality Reporting Acts, and to regulations published pursuant to Section 304(g), 33 USC 1314, of the Federal Water Pollution Control Act, as Amended, and Regulation 40 CFR 136.

To meet the intent of the monitoring required by this general permit, all test procedures must produce minimum detection and reporting levels and all data generated must be reported down to the minimum detection or lower reporting level of the procedure. If no approved methods are determined capable of achieving minimum detection and reporting levels below general permit discharge requirements, then the most sensitive (method with the lowest possible detection and reporting level) approved method must be used.

5. Representative Outfall

If a facility has multiple discharge locations with substantially identical stormwater discharges that are required to be sampled, the permittee may petition the Director for representative outfall status. If it is established that the stormwater discharges are substantially identical and the permittee is granted representative outfall status, then analytical sampling requirements may be performed at a reduced number of outfalls.

6. Records Retention

Visual monitoring shall be documented and records maintained at the facility along with the Stormwater Pollution Prevention Plan (SPPP). Copies of analytical monitoring results shall also be maintained on-site. The permittee shall retain records of all monitoring information, including

- o all calibration and maintenance records,
- o all original strip chart recordings for continuous monitoring instrumentation,
- o copies of all reports required by this general permit, including Discharge Monitoring Reports (DMRs) and eDMR or other electronic DMR report submissions.
- o copies of all data used to complete the Notice of Intent to be covered by this general permit.

These records or copies shall be maintained for a period of at least 5 years from the date of the sample, measurement, report or Notice of Intent application. This period may be extended by request of the Director at any time [40 CFR 122.41].

7. Inspection and Entry

The permittee shall allow the Director, or an authorized representative (including an authorized contractor acting as a representative of the Director), or in the case of a facility which discharges through a municipal separate storm sewer system, an authorized representative of a municipal operator or the separate storm sewer system receiving the discharge, upon the presentation of credentials and other documents as may be required by law, to:

- a. Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this general permit;

- b. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this general permit;
- c. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this general permit; and
- d. Sample or monitor at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by the Clean Water Act, any substances or parameters at any location [40 CFR 122.41(i)].

## SECTION E: REPORTING REQUIREMENTS

### 1. Monitoring Reports

If the permittee monitors any pollutant more frequently than required by this general permit using test procedures approved under 40 CFR Part 136 and at a sampling location specified in this general permit or other appropriate instrument governing the discharge, the results of such monitoring shall be included in the data submitted on the DMR.

The permittee shall record the required qualitative monitoring observations on the SDO Qualitative Monitoring Report form provided by the Division and shall retain the completed forms on site. Qualitative monitoring results should not be submitted to the Division, except upon DEMLR's specific requirement to do so. Qualitative Monitoring Report forms are available at the website above.

### 2. Submitting Reports

Visual (Qualitative) monitoring results should not be submitted to the Division unless specifically requested. Visual (Qualitative) monitoring results and any analytical monitoring results conducted by the airport at the request of DEQ, shall be submitted to:

Central Files  
Division of Water Resources  
1617 Mail Service Center  
Raleigh, North Carolina 27699-1617

### 3. Availability of Reports

Except for data determined to be confidential under NCGS 143-215.3(a)(2) or Section 308 of the Federal Act, 33 USC 1318, all reports prepared in accordance with the terms shall be available for public inspection at the offices of the Division. As required by the Act, analytical data shall not be considered confidential. Knowingly making any false statement on any such report may result in the imposition of criminal penalties as provided for in NCGS 143-215.6B or in Section 309 of the Federal Act.

### 4. Non-Stormwater Discharges

If the storm event monitored in accordance with this general permit coincides with a non-stormwater discharge, the permittee shall separately monitor all parameters as required under all other applicable discharge permits and provide this information with the stormwater discharge monitoring report.

### 3. Planned Changes

The permittee shall give notice to the Director as soon as possible of any planned changes at the permitted facility which could significantly alter the nature or quantity of pollutants discharged [40 CFR 122.41(l)]. This notification requirement includes pollutants which are not specifically listed in the general permit or subject to notification requirements under 40 CFR Part 122.42 (a).

### 4. Anticipated Noncompliance

The permittee shall give advance notice to the Director of any planned changes at the permitted facility which may result in noncompliance with the general permit [40 CFR 122.41(l)(2)].

### 5. Spills

The permittee shall report to the local DEMLR Regional Office, within 24 hours, all significant spills as defined in Part IV of this general permit. Additionally, the permittee shall report spills including: any oil spill of 25 gallons or more, any spill regardless of amount that causes a sheen on surface waters, any oil spill regardless of amount occurring within 100 feet of surface waters, and any oil spill less than 25 gallons that cannot be cleaned up within 24 hours.

6. Bypass

Notice [40 CFR 122.41(m)(3)]:

- a. Anticipated bypass. If the permittee knows in advance of the need for a bypass, it shall submit prior notice, if possible at least ten days before the date of the bypass; including an evaluation of the anticipated quality and affect of the bypass.
- b. Unanticipated bypass. The permittee shall submit notice within 24 hours of becoming aware of an unanticipated bypass.

7. Twenty-four Hour Reporting

- a. The permittee shall report to the central office or the appropriate regional office any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee became aware of the circumstances. A written submission shall also be provided within 5 days of the time the permittee becomes aware of the circumstances.

The written submission shall contain a description of the noncompliance, and its causes; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time compliance is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance [40 CFR 122.41(l)(6)].

- b. The Director may waive the written report on a case-by-case basis for reports under this section if the oral report has been received within 24 hours.
- c. Occurrences outside normal business hours may also be reported to the Division's Emergency Response personnel at (800) 662-7956, (800) 858-0368 or (919) 733-3300.

8. Other Noncompliance

The permittee shall report all instances of noncompliance not reported under 24 hour reporting at the time monitoring reports are submitted [40 CFR 122.41(l)(7)].

9. Other Information

Where the Permittee becomes aware that it failed to submit any relevant facts in a Notice of Intent to be covered under this general permit, or submitted incorrect information in that Notice of Intent application or in any report to the Director, it shall promptly submit such facts or information [40 CFR 122.41(l)(8)].



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## PART VI DEFINITIONS

1. Act  
See Clean Water Act.
2. Adverse Weather  
Adverse conditions are those that are dangerous or create inaccessibility for personnel, such as local flooding, high winds, or electrical storms, or situations that otherwise make sampling impractical. When adverse weather conditions prevent the collection of samples during the sample period, the permittee must take a substitute sample or perform a visual assessment during the next qualifying storm event. Documentation of an adverse event (with date, time and written narrative) and the rationale must be included with your SPPP records. Adverse weather does not exempt the permittee from having to file a monitoring report in accordance with the sampling schedule. Adverse events and failures to monitor must also be explained and reported on the relevant DMR.
3. Allowable Non-Stormwater Discharges  
This general permit regulates stormwater discharges. Non-stormwater discharges which shall be allowed in the stormwater conveyance system are:
  - a. All other discharges that are authorized by a non-stormwater NPDES permit.
  - b. Uncontaminated groundwater, foundation drains, air-conditioner condensate without added chemicals, springs, discharges of uncontaminated potable water, waterline and fire hydrant flushings, water from footing drains, irrigation waters, flows from riparian habitats and wetlands.
  - c. Discharges resulting from fire-fighting or fire-fighting training, or emergency shower or eye wash as a result of use in the event of an emergency.
4. Best Management Practices (BMPs)  
Measures or practices used to reduce the amount of pollution entering surface waters. BMPs may take the form of a process, activity, or physical structure. More information on BMPs can be found at: <http://www.epa.gov/npdes/national-menu-best-management-practices-bmps-stormwater#edu>.
5. Bypass  
A bypass is the known diversion of stormwater from any portion of a stormwater control facility including the collection system, which is not a designed or established operating mode for the facility.
6. Bulk Storage of Liquid Products  
Liquid raw materials, manufactured products, waste materials or by-products with a single above ground storage container having a capacity of greater than 660 gallons or with multiple above ground storage containers located in close proximity to each other having a total combined storage capacity of greater than 1,320 gallons.
7. Certificate of Coverage  
The **Certificate of Coverage (COC)** is the cover sheet which accompanies a general permit upon issuance and lists the facility name, location, receiving stream, river basin, effective date of coverage under the general permit and is signed by the Director.
8. Clean Water Act  
The Federal Water Pollution Control Act, also known as the Clean Water Act (CWA), as amended, 33 USC 1251, et. seq.

9. Division or DEMLR  
The Division of Energy, Mineral, and Land Resources, Department of Environment and Natural Resources.
10. Director  
The Director of the Division of Energy, Mineral, and Land Resources, the permit issuing authority.
11. EMC  
The North Carolina Environmental Management Commission.
12. Grab Sample  
An individual sample collected instantaneously. Grab samples that will be analyzed (quantitatively or qualitatively) must be taken within the first 30 minutes of discharge.
13. Hazardous Substance  
Any substance designated under 40 CFR Part 116 pursuant to Section 311 of the Clean Water Act.
14. Landfill  
A disposal facility or part of a disposal facility where waste is placed in or on land and which is not a land treatment facility, a surface impoundment, an injection well, a hazardous waste long-term storage facility or a surface storage facility.
15. Measureable Storm Event  
A measurable storm event is a storm event that results in an actual discharge from the permitted site outfall. The previous measurable storm event must have been at least **72 hours** prior. The 72-hour storm interval may not apply if the permittee is able to document that a shorter interval is representative for local storm events during the sampling period, and obtains approval from the local DEMLR Regional Office. Two copies of this information and a written request letter shall be sent to the local DEMLR Regional Office. After authorization by the DEMLR Regional Office, a written approval letter must be kept on site in the permittee's SPPP.
16. Municipal Separate Storm Sewer System (MS4)  
A stormwater collection system within an incorporated area of local self-government such as a city or town.
17. No Exposure  
A condition of no exposure means that all industrial materials and activities are protected by a storm resistant shelter or acceptable storage containers to prevent exposure to rain, snow, snowmelt, or runoff. Industrial materials or activities include, but are not limited to, material handling equipment or activities, industrial machinery, raw materials, intermediate products, by-products, final products, or waste products. DEMLR may grant a No Exposure Exclusion from NPDES stormwater permitting requirements only if a facility complies with the terms and conditions described in 40 CFR §122.26(g).
18. Notice of Intent  
The state application form which, when submitted to the Division, officially indicates the facility's notice of intent to seek coverage under a general permit.
19. Permit Issuing Authority  
The Director of the Division of Energy, Mineral, and Land Resources (see "Director" above).

20. Permittee  
The owner or operator issued a Certificate of Coverage pursuant to this general permit.
21. Point Source Discharge of Stormwater  
Any discernible, confined and discrete conveyance including, but not specifically limited to, any pipe, ditch, channel, tunnel, conduit, well, or discrete fissure from which stormwater is or may be discharged to waters of the state.
22. Representative Outfall Status  
When it is established that the discharge of stormwater runoff from a single outfall is representative of the discharges at multiple outfalls, the DEMLR may grant representative outfall status. Representative outfall status allows the permittee to perform analytical monitoring at a reduced number of outfalls.
23. Secondary Containment  
Spill containment for the contents of the single largest tank within the containment structure plus sufficient freeboard to contain the 25-year, 24-hour storm event.
24. Section 313 Water Priority Chemical  
A chemical or chemical category which:  
b. Is listed in 40 CFR 372.65 pursuant to Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986, also titled the Emergency Planning and Community Right-to-Know Act of 1986;  
c. Is present at or above threshold levels at a facility subject to SARA title III, Section 313 reporting requirements; and  
d. Meets at least one of the following criteria:  
i. Is listed in appendix D of 40 CFR part 122 on Table II (organic priority pollutants), Table III (certain metals, cyanides, and phenols) or Table IV (certain toxic pollutants and hazardous substances);  
ii. Is listed as a hazardous substance pursuant to section 311(b)(2)(A) of the CWA at 40 CFR 116.4; or  
iii. Is a pollutant for which EPA has published acute or chronic water quality criteria.
25. Severe Property Damage  
Substantial physical damage to property, damage to the control facilities which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.
26. Significant Materials  
Includes, but is not limited to: raw materials; fuels; materials such as solvents, detergents, and plastic pellets; finished materials such as metallic products; raw materials used in food processing or production; hazardous substances designated under section 101(14) of CERCLA; any chemical the facility is required to report pursuant to section 313 of Title III of SARA; fertilizers; pesticides; and waste products such as ashes, slag and sludge that have the potential to be released with stormwater discharges.
27. Significant Spills  
Includes, but is not limited to: releases of oil or hazardous substances in excess of reportable quantities under section 311 of the Clean Water Act (Ref: 40 CFR 110.3 and 40 CFR 117.3) or section 102 of CERCLA (Ref: 40 CFR 302.4).

28. Stormwater Discharge Outfall (SDO)  
The point of departure of stormwater from a discernible, confined, or discrete conveyance, including but not limited to, storm sewer pipes, drainage ditches, channels, spillways, or channelized collection areas, from which stormwater flows directly or indirectly into waters of the State of North Carolina.
29. Stormwater Runoff  
The flow of water which results from precipitation and which occurs immediately following rainfall or as a result of snowmelt.
30. Stormwater Associated with Industrial Activity  
The discharge from any point source which is used for collecting and conveying stormwater and which is directly related to manufacturing, processing or raw material storage areas at an industrial site. Facilities considered to be engaged in "industrial activities" include those activities defined in 40 CFR 122.26(b)(14). The term does not include discharges from facilities or activities excluded from the NPDES program.
31. Stormwater Pollution Prevention Plan (SPPP)  
A comprehensive site-specific plan which details measures and practices to reduce stormwater pollution and is based on an evaluation of the pollution potential of the site.
32. Total Maximum Daily Load (TMDL)  
TMDLs are written plans for attaining and maintaining water quality standards, in all seasons, for a specific water body and pollutant. A list of approved TMDLs for the state of North Carolina can be found at <http://deq.nc.gov/about/divisions/water-resources/planning/modeling-assessment/tmdls>.
33. Toxic Pollutant  
Any pollutant listed as toxic under Section 307(a)(1) of the Clean Water Act.
34. Vehicle Maintenance Activity  
Vehicle rehabilitation, mechanical repairs, painting, fueling, lubrication, vehicle cleaning operations, or airport deicing operations.
35. Visible Sedimentation  
Solid particulate matter, both mineral and organic, that has been or is being transported by water, air, gravity, or ice from its site of origin which can be seen with the unaided eye.
36. 25-year, 24 hour Storm Event  
The maximum 24-hour precipitation event expected to be equaled or exceeded, on the average, once in 25 years.